

5/001/062

Plan of Operations under the 43 CFR 3809 regulations Mickey Small Mine Project

3809.401(b)(1) – Operator Information

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FAX:
Taxpayer ID # :

BLM UMC # of unpatented mining claims were activity is proposed: Mickey #1-6, UMC 356820-356825

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DIV OF OIL GAS & MINING

3809.401(b)(2) – Description of Operations

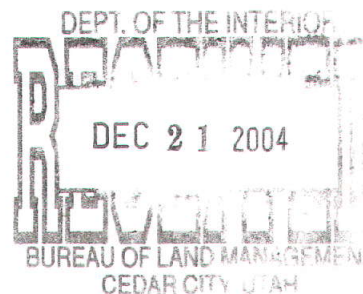
I presently hold a valid authorization on the site to conduct bulk sampling under an exploration notice, BLM file UTU-80277, The Mickey Project. This activity is also permitted under State of Utah, Division of Oil, Gas, and Mining (Division) rules as a small mine operation, S/001/062. The bulk sampling has led to one or more commercial scale contracts to purchase the material and it is necessary to re-authorize the site activity as a plan of operations under the applicable BLM regulations. Because site activity will disturb a total of less than 5 acres, the operation will remain a small mine operations under the applicable Division rules.

The plan of operations area will consist of up to five acres of total disturbance on BLM-managed land within the SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of section 26 and the NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ of section 35, T. 29 S., R. 16 W., Beaver County, Utah (see attached project map). The operations area coincides with a historically (pre-reclamation law) disturbed mining area, that has partially re-vegetated through natural re-seeding. The project area falls on the BLM Wah Wah Mtns. South 1:100,000 scale land status map, and the USGS Lamerdorf Peak and The Tetons 7.5' topographic maps.

The operations plan calls for selective surface mining operations of kaolin within the historically disturbed area. The kaolin will sold as high-quality alumina feed material for cement manufacture. Mining operations will be carried out in campaign fashion on a periodic, as-needed basis. During a typical mining campaign, a bulldozer with ripper, a tracked excavator, a wheeled loader, and a portable crushing plant with a conveyor stacker would be brought to the site. Initially a ~1 acre area will be cleared of contaminated surficial rock and debris and the stripped material pushed and stacked to either side of the pit area. Soil material is thin or absent from the proposed operations area and so any soil materials present will not be segregated. Within the cleared pit area, the kaolin will be mined by ripping and bulldozing supplemented by drilling and blasting, as needed. Any drilling and blasting operations will be carried out a licensed contract blaster and no explosives will be stored on site. The mined rock will be fed into a portable crushing and screening plant by a tracked excavator or a wheeled loader. The material will be crushed to desired size range, typically <3" in size, and placed in a stockpile. The crushed stockpiled kaolin will be hauled from the site using belly-dump or side-dump trucks with pup trailers, utilizing an existing access road which descends the south side of Blawn Mountain and connects with the Jockey Road. From this point the haul trucks will travel east on the Jockey Road to paved roads in the Escalante Valley.

All fuel used will be brought to the site using portable fuel tanks. No fuel tanks will be stored on site.

The operations area will be monitored for any noxious weed species (noxious weeds being those that are listed under the Beaver County weed control plan). Any noxious weed occurrences that occur will be eliminated as demonstrated by having no reoccurrences for two consecutive growing seasons.



3809.401(b)(3) – Reclamation Plan

The ultimate areal extent and depth of the pits created by the kaolin mining can only be estimated at this time. The current plan calls for five acres or less of total site disturbance and pit depths of 50' or less. As the operations area coincides with an unreclaimed historic (pre-law) mine area, any soil material is thin or absent from the proposed operations area and little or no soil materials can be salvaged. Waste rock and overburden cleared from the site in advance of pit operations would be bulldozed into and spread across the pit floors. Partial site reclamation within the historically disturbed area by a prior operator in 2001 suggest that some re-vegetation success can be expected even without salvaged topsoil or organic amendments. The operator proposes applying up to 10 tons/acre of organic amendments to obtain re-vegetation success if necessary. The re-contoured site will then be broadcast seeded with a seed mix as specified by the BLM office.

3809.401(b)(3) – Monitoring Plan

During periods of inactivity, due to market conditions, the operations area will be monitored semi-annually and a report of site conditions made to the BLM Cedar City Field Office.

3809.401(d) – Reclamation Cost Estimate

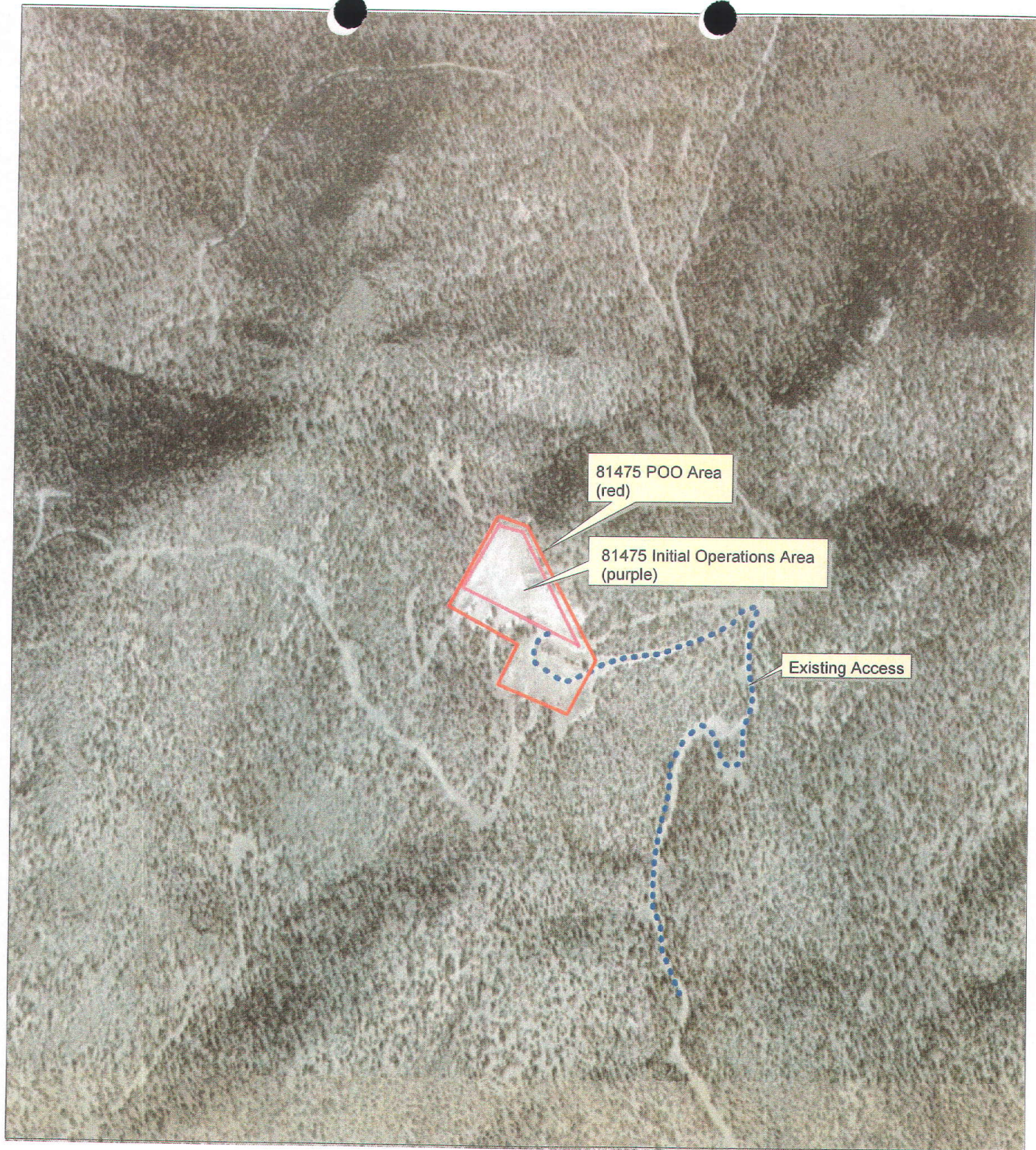
The operator proposes that the reclamation security be calculated using the Division's current schedule of \$5,000 for the 1st acre of disturbance and \$3,000/acre for each additional acre, or fraction thereof, of disturbance up to 5 acres total. The operator proposes that the initial bond amount be set at \$8,000 to cover up to 2 acres of disturbance and that the bond be increased from this amount if and when site disturbances exceed this amount.

Sandy Neel

Operator Signature

Oct. 21 2004

Date



Project: Mickey Plan of Operations

Operator: Sandy Nell




BLM File: UTU-81475

DOGM File: S/001/062

Inspection Date: 9/20/2004

Inspector: Ginouves

Notes: plan of operations area surveys at 1.86 acres.

-  81475 Plan of Operations Area.shp
-  81475 access road.shp
-  81475 Initial Operations Area.shp



Scale 1 : 6,000
1" = 500'

Sec. 26 & 35, T. 29 S., R. 16 W., Beaver County, UT
USGS Lamerdorf Peak & The Tetons 7.5' topo maps
BLM 2003 Aerial Photography